

Message Text

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15

ACTION OES-04

INFO OCT-01 EUR-12 ISO-00 FEA-01 ACDA-05 CIAE-00 INR-07

IO-10 L-02 NSAE-00 NSC-05 EB-07 NRC-05 /059 W

----- 129054

R 132126Z MAY 75

FM AMEMBASSY OTTAWA

TO SECSTATE WASHDC 6421

ERDA GERMANTOWN MD

LIMITED OFFICIAL USE OTTAWA 1788

E.O. 11652: N/A

TAGS: TECH, ENRG, CA

SUBJECT: LEAK DETECTED IN PICKERING UNIT 4

REF: OTTAWA A-632, DECEMBER 10, 1974

1. BEGIN UNCLASSIFIED. ONTARIO HYDRO ANNOUNCED MAY 12 THAT A HEAVY WATER LEAK HAD BEEN DETECTED IN UNIT 4 OF THE PICKERING NUCLEAR POWER STATION. THE HEAVY WATER IS COMPLETELY CONTAINED; NO RADIO-ACTIVITY HAS OR CAN ESCAPE TO THE ATMOSPHERE. THE LEAK WAS DETECTED WHEN THE UNIT, WHICH HAD BEEN SHUTDOWN FOR ROUTINE MAINTENANCE ON APRIL 4, WAS RESTARTED ON APRIL 8-10. END UNCLASSIFIED.

2. BEGIN LIMITED OFFICIAL USE. SENIOR ONTARIO HYDRO OFFICIAL (PORTECT) HAS INDICATED TO SCICOUNS THAT APPARENTLY THERE ARE TWO TUBES RESPONSIBLE FOR THE LEAK. EVERY INDICATION IS THAT THIS IS THE SAME PROBLEM WHICH WAS ENCOUNTERED ON UNIT 3. CONFIRMATION WILL NOT, REPEAT, NOT BE AVAILABLE, HOWEVER, FOR PERHAPS AS LONG AS 2-3 WEEKS. OPERATIONAL PLANS ARE TO REMOVE THE LEAKING TUBES AND TRANSFER THEM TO CHALK RIVER FOR METALLURGICAL EXAMINATION. IF IT PROVES TO BE THE SAME PROBLEM AS THAT ENCOUNTERED ON UNIT 3, THE TECHNIQUE HAS BEEN PERFECTED FOR CHANGING TUBES TO A POINT WHICH SHOULD PERMIT UNIT 4 TO BE EXAMINED AND RETUBED AS NECESSARY IN APPROXIMATELY ONE-HALF THE TIME PER TUBE WHICH WAS REQUIRED FOR UNIT 3. FOR THE INFORMATION OF THE ADDRESSEES, UNIT 3 RETUBING HAS NOW BEEN COMPLETED

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AND THE NUCLEAR REACTOR IS READY TO OPERATE. UNIT 3,

HOWEVER, IS DOWN BECAUSE OF THE CONTINUING TURBINE PROBLEMS
WHICH HAVE BEEN THE SUBJECT OF OTHER REPORTING. END LIMITED
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PORTER

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NUCLEAR POWER PLANTS, NUCLEAR HAZARDS, HEAVY WATER
Control Number: n/a
Copy: SINGLE
Draft Date: 13 MAY 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: MorefiRH
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975OTTAWA01788
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750168-1128
From: OTTAWA
Handling Restrictions: n/a
Image Path:
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Legacy Key: link1975/newtext/t19750557/aaaabztc.tel
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Reference: 75 OTTAWA A-632, 75 DECEMBER 10, 75 1974
Review Action: RELEASED, APPROVED
Review Authority: MorefiRH
Review Comment: n/a
Review Content Flags:
Review Date: 05 MAY 2003
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Review History: RELEASED <05 MAY 2003 by BoyleJA>; APPROVED <21 MAY 2003 by MorefiRH>
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Margaret P. Grafeld
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05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
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Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: LEAK DETECTED IN PICKERING UNIT 4
TAGS: TECH, ENRG, CA
To: STATE ERDA
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006